



Douglas A. Ducey
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Henry R. Darwin
Director

Air Quality Agricultural Best Management Practices (Ag BMP) Field Inspection Report

Commercial Agriculture Company Name: Hickman's Egg Ranch Customer ID No.: 58561		Inspection Report No.: 235335	
County: Maricopa		Inspector(s): Emily Bonanni,	
Place Name: Hickman's Egg Ranch Physical Location: 32425 W. Salome Hwy, Arlington, AZ 85322 Place ID No.: 9932		Arrival Date and Time: 3/11/2015 9:00 AM	
Mailing Address: same as above		Reason for Inspection: <input checked="" type="checkbox"/> Complaint Complaint No.: 11662 <input type="checkbox"/> Routine Inspection <input type="checkbox"/> Follow-Up Original Inspection Report No.:	
Ag BMP Record Submitted to Dept. of Agriculture? Yes		Was Inspection Announced? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Onsite Contact Person(s)/Title(s): Scott Seely, Farms Choice Manager Shari Yeatts, Compliance Manager Kevin Whitehurst, Fertilizer Compliance		Inspection Report Issued: Via flashdrive at facility	
		Facility Initial: <i>sf</i> ADEQ Initial: <i>EB</i>	
Results of Inspection: <input type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection. <input checked="" type="checkbox"/> Requesting follow-up action; please submit the following: Request the records of operating hours and maintenance logs associated with the Rotary Dryer Operation be furnished to ADEQ, Air Quality Division, ATTN: Emily Bonanni, eb1@azdeq.com.			
Comments: The Farms Choice Pellet Mill at Hickman's Egg Ranch. Equipment has been identified as only burning propane fuel in the rotary dryer. A visible steam emission plume was observed at time of arrival.			
Attachments: Notice of Inspection Rights Photograph Log Complaint Form			



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): Hickman's Egg Ranch	Date of Inspection: 3/11/2015 9:00 AM
Facility Location (Place): 32425 W. Salome Hwy, Arlington, AZ 85322	County: Maricopa
	Inspector: Emily Bonanni
Mailing Address: same as above	Telephone: (602) 771-2324
	Accompanied by:
Responsible Party: Hickman's Egg Ranch	
On-Site Representative: Shari Yeatts	ADEQ Follow-up Contact: Pamela Nicola
Telephone: 623-872-2358	Air Quality Inspections & Field Services Unit
Title: Compliance Manager	Title: Unit Supervisor
Telephone: same as above	Telephone: (602) 771-4728

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☒ **That the purpose of the inspection is to determine:**

- ☐ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:

Arizona Revised Statutes: Title 49, Chapter 3

Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

- ☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: Title 49, Chapter 3

Arizona Administrative Code: Title 18, Chapter 2

- ☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

Arizona Revised Statutes: § 41-1009

Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

☒ **That the fee for this inspection is:** No fee for the inspection

*The Arizona Revised Statutes (A.R.S.) can be found on the internet: www.azleg.state.az.us/ArizonaRevisedStatutes.asp while the Arizona Administrative Code (A.A.C.) can be found at www.azsosaz.gov/public_services/Table_of_Contents.htm

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

Shari Yeatts
Signature of Regulated Person or Authorized On-Site Representative

3/11/2015

- ☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

- ☐ The regulated person or an authorized on-site representative was not present at the facility.

Emily Bonanni
Signature of ADEQ Representative

3/11/2015

INSPECTION RIGHTS

☒ I understand that I can accompany the ADEQ representative(s) on the premises, except during confidential interviews.

☒ I understand that I have right to, on request:

- Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense;
- A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive;
- Copies of any analysis performed on samples taken during the inspection and that ADEQ would provide copies of this analysis at ADEQ's expense;
- Copies of any documents to be relied on to determine compliance with licensure or regulatory requirements if the agency is otherwise permitted by law to do so.

☒ I also understand that:

- Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report;
- Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded;
- If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12901 *et seq.*;
- If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; ADEQ's Ombudsman at (602) 771-4322 (toll free inside Arizona at (800) 2345677, extension, 771-4322); or the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 (toll free at (800) 872-2879);
- If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 (toll free inside Arizona at (800) 234-5677, extension 771-2212).

Air Quality Field Inspection Photograph Log


Site Location: Hickman's Egg Ranch - 32425 W. Salome Hwy, Arlington, AZ 85322		Photographer: Emily Bonanni	Camera: Surface Tablet
Weather: Sky Overcast			
Photo No. 1	Date: 3/11/2015		
Direction Photo Taken: North			
Photo Description: Photo taken from Ward Rd.			


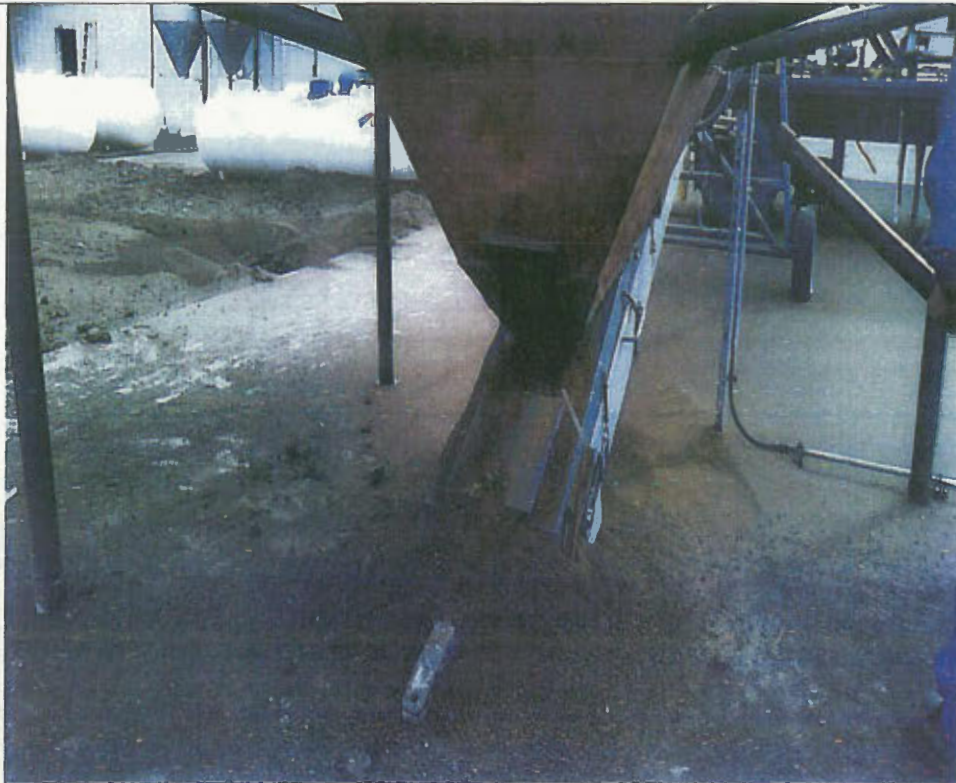
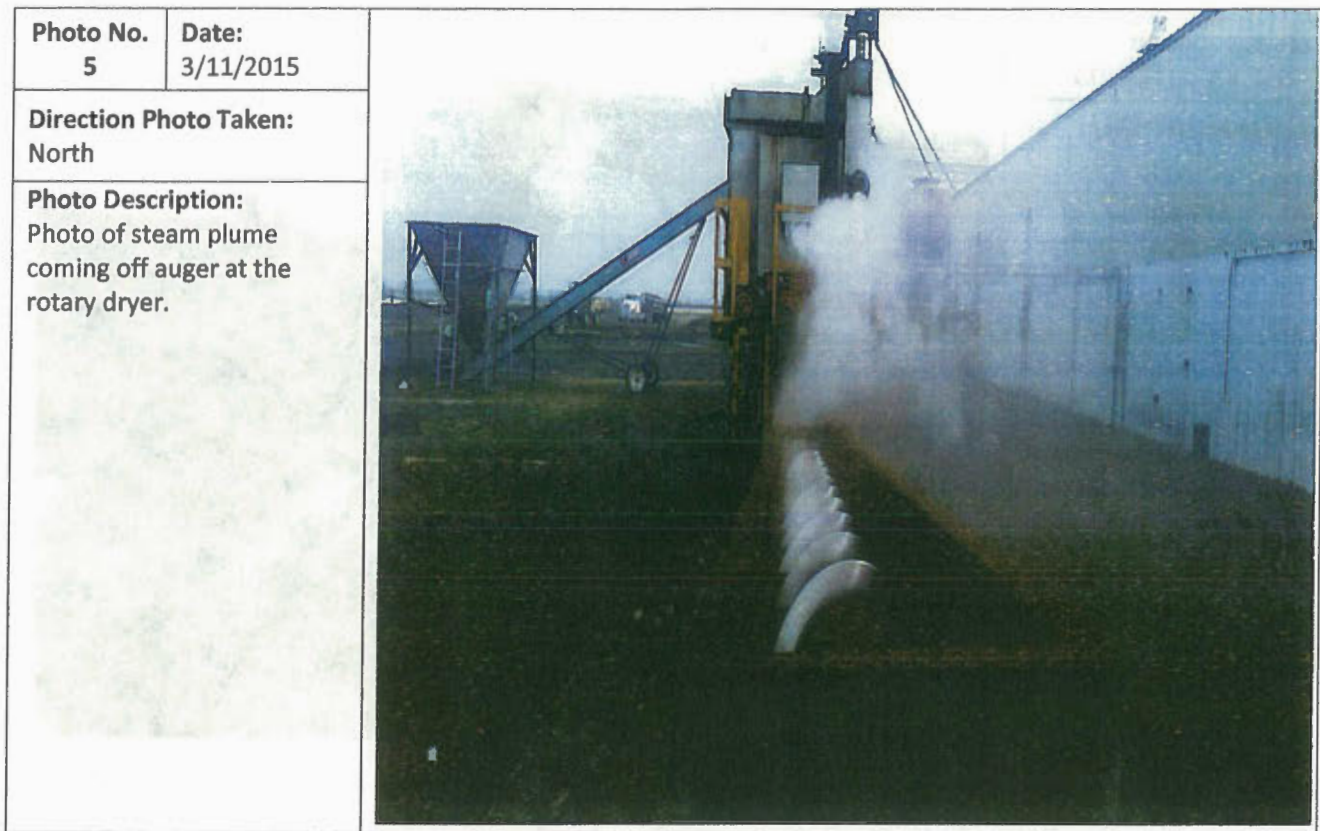
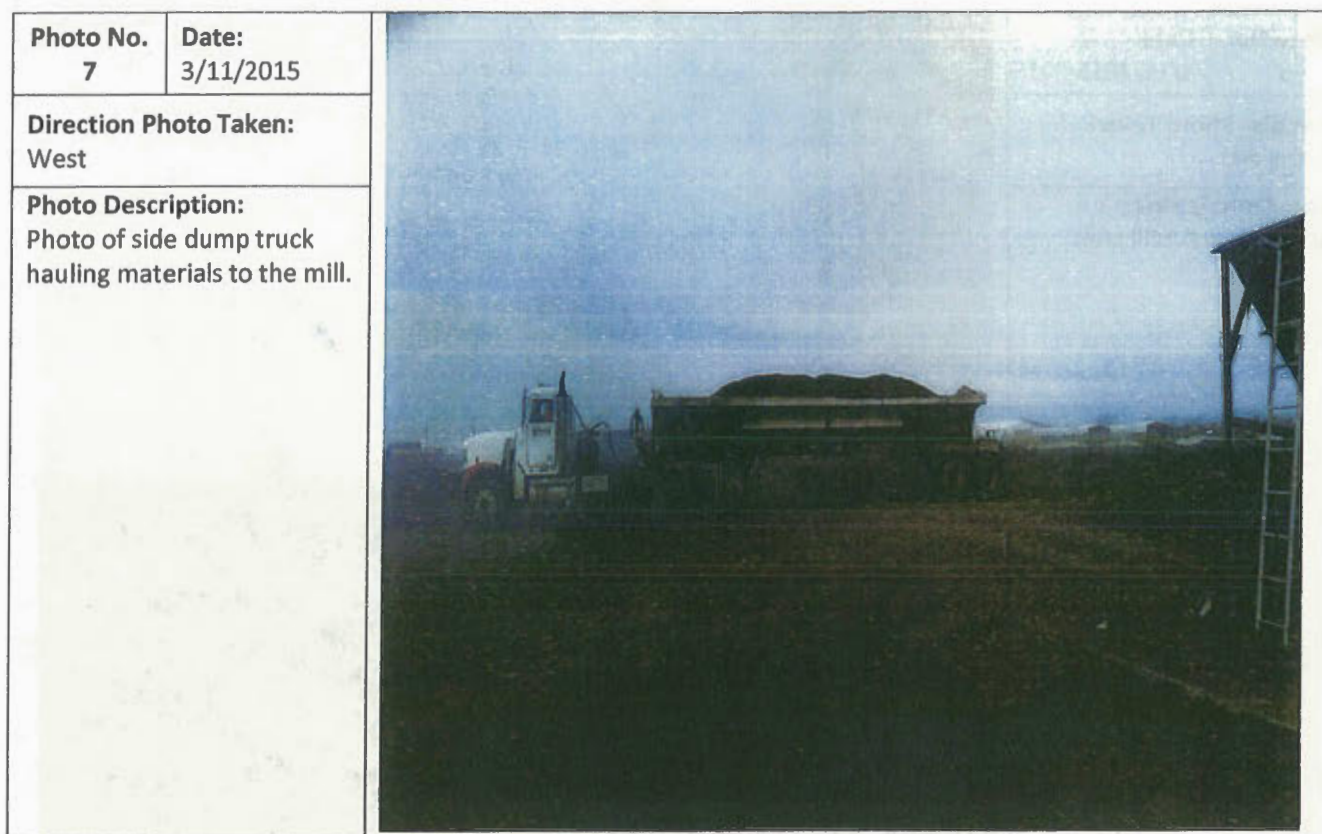
Photo No. 2	Date: 3/11/2015	
Direction Photo Taken: North		
Photo Description: Close up photo of steam plume from the operating rotary dryer.		

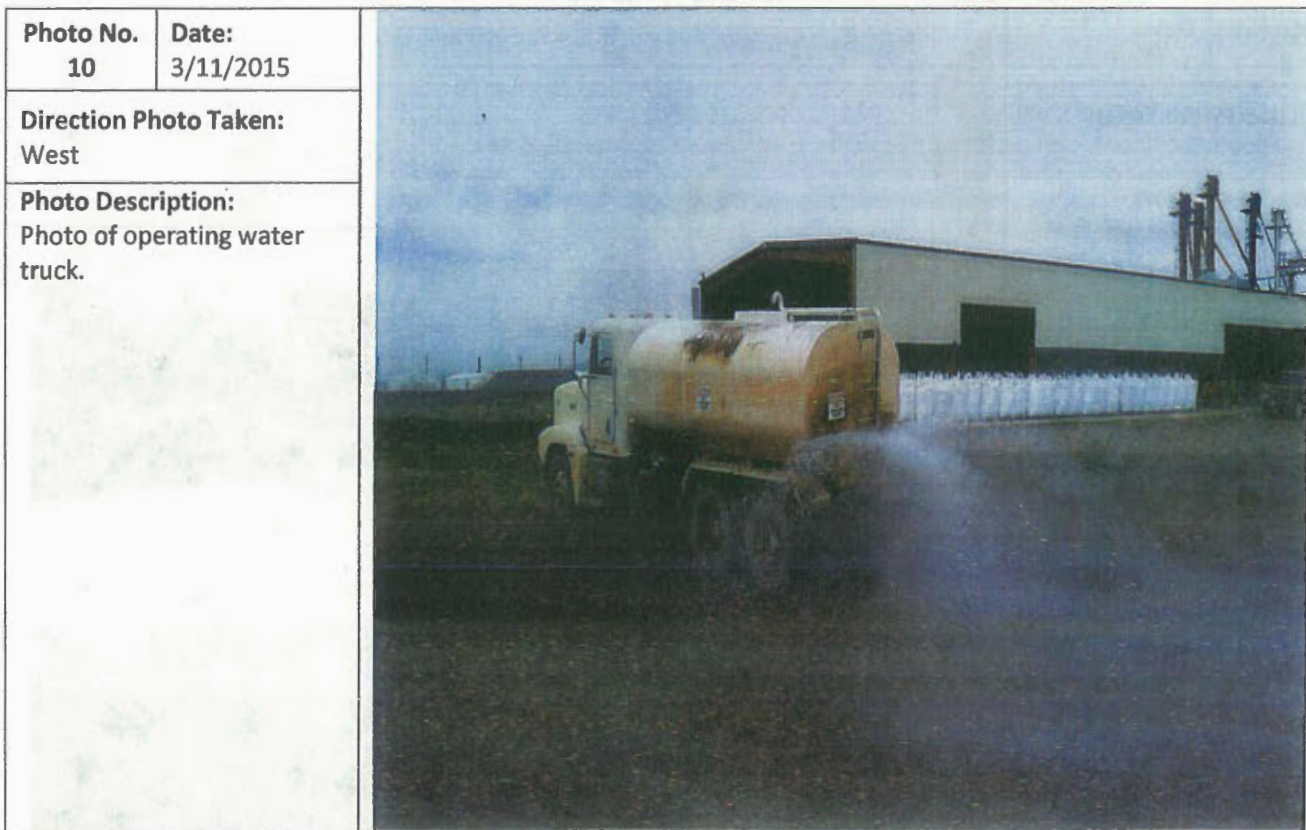
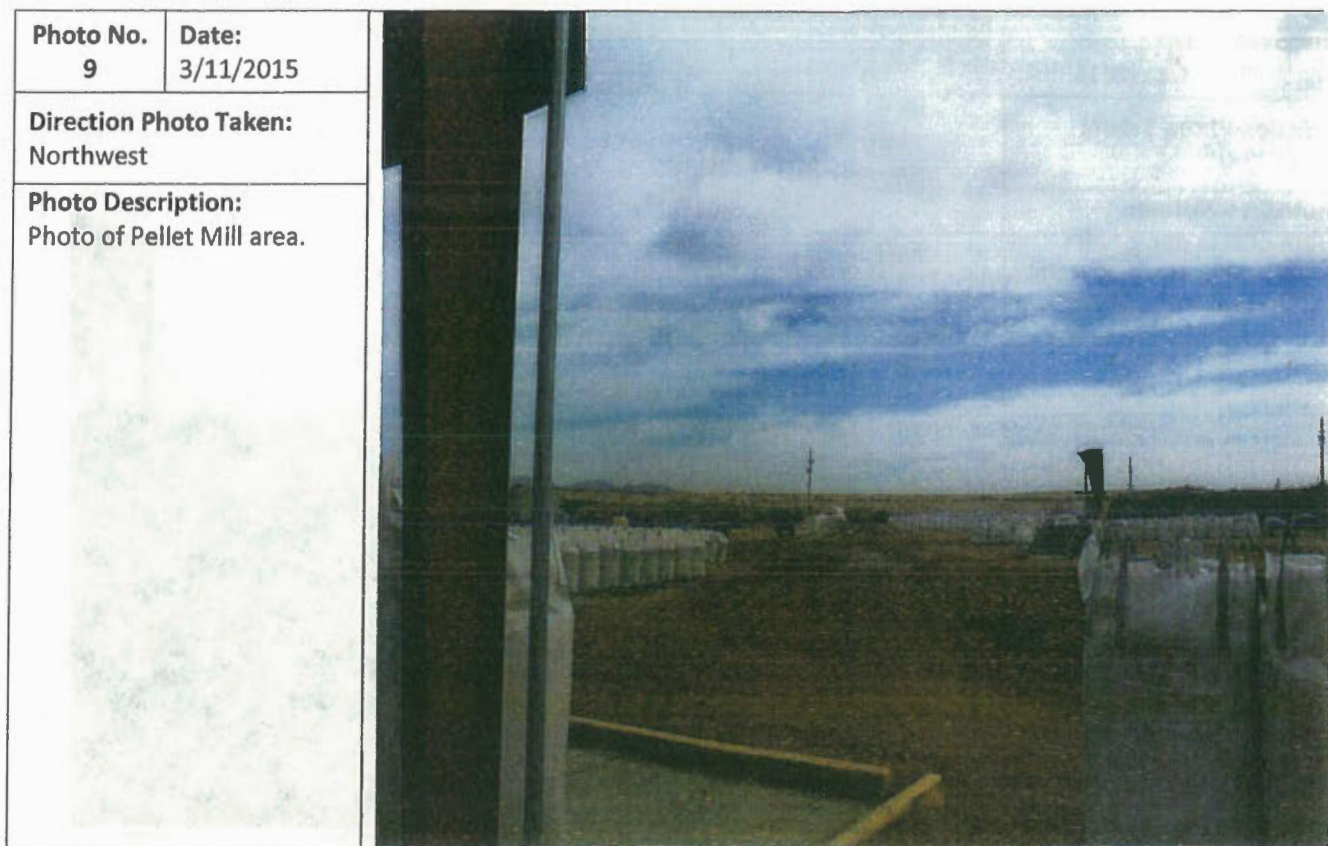
Photo No. 3	Date: 3/11/2015
Direction Photo Taken: East	
Photo Description: Photo of the Input into the rotary dryer.	

A photograph of industrial machinery. A large blue hopper conveyor is positioned above a large, dark, horizontal rotary dryer. A red hopper is suspended from the conveyor structure. In the background, there are white storage tanks and a building with a sign that reads "REPAT" and "ES F CONVEYOR".

Photo No. 4	Date: 3/11/2015	
Direction Photo Taken: East		
Photo Description: Photo of the bottom of the hopper conveyer that feeds materials into the rotary dryer.		









Janice K. Brewer
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Henry R. Darwin
Director

Air Quality Agricultural Best Management Practices (Ag BMP) Field Inspection Report

Commercial Agriculture Company Name: Hickman's Egg Ranch Customer ID No.: 58561		Inspection Report No.: 210339	
County: Maricopa		Inspector(s): Emily Bonanni, Mike Smith	
Place Name: Hickman's Egg Ranch Physical Location: 32425 W. Salome Hwy, Arlington, AZ 85322 Place ID No.: 9932		Arrival Date and Time: 2/6/2014 10:30 AM	
Mailing Address: Same address as above		Reason for Inspection: <input checked="" type="checkbox"/> Complaint Complaint No.: 10458 <input type="checkbox"/> Routine Inspection <input type="checkbox"/> Follow-Up Original Inspection Report No.:	
Ag BMP Record Submitted to Dept. of Agriculture? Unknown		Was Inspection Announced? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Onsite Contact Person(s)/Title(s): Shari Yeatts and Paul Yeatts Compliance Manager/ Facility Project Coordinator			
Inspection Report Issued: <input checked="" type="checkbox"/> Via hardcopy at facility <input type="checkbox"/> Via e-mail at facility <input type="checkbox"/> Via U.S. Mail from ADEQ office Initial: <i>SEY</i> Initial:			
Results of Inspection: <input checked="" type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection. <input type="checkbox"/> Requesting follow-up action; please submit the following:			
Comments: Compliance Manager will furnish Ag BMP General Permit Record to ADEQ Air Quality Compliance Division.			
Attachments: Notice of Inspection Rights Inspection Checklist Photograph Log Complaint Form			



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): Hickman's Egg Ranch	Date of Inspection: 2/6/2014 10:30 AM
Facility Location (Place): 32425 W. Salome Hwy, Arlington, AZ 85322	County: Maricopa
	Inspector: Emily Bonanni
Mailing Address: Same address as above	Telephone: (602) 771-2324
	Accompanied by: Michael Smith and Spencer York, ADEQ, WQD, Compliance Sec
Responsible Party: Hickman's Egg Ranch	
On-Site Representative: Shari Yeatts	ADEQ Follow-up Contact: Pamela Nicola Air Quality Inspections & Field Services Unit
Telephone: 623-872-2358	
Title: Compliance Manager	Title: Unit Supervisor
Telephone: same as above	Telephone: (602) 771-4728

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☒ **That the purpose of the inspection is to determine:**

- ☒ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:

Arizona Revised Statutes: Title 49, Chapter 3

Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

- ☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: Title 49, Chapter 3

Arizona Administrative Code: Title 18, Chapter 2

- ☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

Arizona Revised Statutes: § 41-1009

Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

- ☒ **That the fee for this inspection is:** No fee for the inspection

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While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

- ☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

Shari Yeatts
Signature of Regulated Person or Authorized On-Site Representative

2/6/2014

- ☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

- ☐ The regulated person or an authorized on-site representative was not present at the facility.

Emily Bonanni
Signature of ADEQ Representative

2/6/2014

INSPECTION RIGHTS

☒ I understand that I can accompany the ADEQ representative(s) on the premises, except during confidential interviews.

☒ I understand that I have right to, on request:

- Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense;
- A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive;
- Copies of any analysis performed on samples taken during the inspection and that ADEQ would provide copies of this analysis at ADEQ's expense;
- Copies of any documents to be relied on to determine compliance with licensure or regulatory requirements if the agency is otherwise permitted by law to do so.

☒ I also understand that:

- Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report;
- Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded;
- If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12901 *et seq.*;
- If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; ADEQ's Ombudsman at (602) 771-4322 (toll free inside Arizona at (800) 234-5677, extension, 771-4322); or the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 (toll free at (800) 872-2879);
- If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 (toll free inside Arizona at (800) 234-5677, extension 771-2212).

Air Quality Field Inspection Photograph Log


Site Location: Hickman's Egg Ranch - 32425 W. Salome Hwy, Arlington, AZ 85322		Photographer: Emily Bonanni	Camera: Dell Tablet
Weather: Overcast sky			
Photo No. <div style="text-align: center; font-weight: bold;">1</div>	Date: 2/6/2014		
Direction Photo Taken: Southeast			
Photo Description: Hen house with operating exhaust fans			


Photo No. <div style="text-align: center; font-weight: bold;">2</div>	Date: 2/6/2014	
Direction Photo Taken: East		
Photo Description: Manure enclosure technology		



Photo No. 3	Date: 2/6/2014	
Direction Photo Taken: West		
Photo Description: Manure belt transfer into haul truck		

Photo No. 4	Date: 2/6/2014
Direction Photo Taken: East	
Photo Description: Inside hen house floor and walls maintenance	



- ☒ Pursuant to A.A.C. R18-2-610.01.C, this crop operation is in a **Serious** PM10 Nonattainment Area and shall implement **at least two best management practices** from each category.
- ☐ Pursuant to A.A.C. R18-2-610.01.D, this crop operation is in a **Moderate** PM10 Nonattainment Area and shall implement **at least one best management practice** from each category.

Arenas, Corrals and Pens (Housing) (A.A.C. R18-2-611.01 G.1)		Comments
Clean fans, louvers, and soffit inlets in a commercial poultry facility	Yes	Every 18 months the area is completely cleaned
Use no bedding	Yes	
Control vegetation on building exteriors	Yes	Hickman's employees assigned to control vegetation
Add moisture through ventilation systems	Yes	
House in fully enclosed ventilated buildings	Yes	

Animal Waste Handling and Transporting (A.A.C. R18-2-611.01 G.2)		Comments
Remove spilled feed	Yes	Company written policy practiced by employees
Store feed	Yes	Enclosed
Add oil and/or moisture to the feed	Yes	Oil is added to feed
Use enclosed feed distribution system	Yes	
Use flexible discharge spout	No	
Minimize drop distance	Yes	
Enclose transfer points	Yes	
Clean floors and walls in a commercial poultry facility	Yes	Floors maintained weekly
Clean aisles between cage rows	Yes	Weekly
Sack separated manure solids	No	
Maintain moisture in manure solids	Yes	

Unpaved Access Connections (A.A.C. R18-2-611.01 G.3)		Comments
Install speed control devices	Yes	Farm vehicle gear locks
Restrict traffic access	Yes	
Install and maintain a track-out control system	Yes	Paved entrance/exit
Install signage to limit vehicle speed to 15 mph	Yes	10 mph

Unpaved Roads or Feed Lanes (A.A.C. R18-2-611.01 G.4)		Comments
Install engine speed governors on feed truck to 15 mph	Yes	Farm vehicles
Install signage to limit vehicle speed to 15 mph	Yes	10 mph
Install speed control devices	No	
Restrict traffic access	Yes	
Apply and maintain aggregate cover	Yes	On all driveways
Apply and maintain synthetic particulate suppressant	No	
Apply and maintain water as a dust suppressant	Yes	Three water trucks servicing areas
Apply and maintain oil on roads or feed lanes	No	



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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Henry R. Darwin
Director

Air Quality Agricultural Best Management Practices (Ag BMP) Field Inspection Report

Commercial Agriculture Company Name: Hickman's Egg Ranch		Inspection Report No.: 216226	
Customer ID No.: 58561		Inspector(s): Emily Bonanni,	
County: Maricopa		Arrival Date and Time: 5/28/2014 10:30 AM	
Place Name: Hickman's Egg Ranch		Reason for Inspection: <input checked="" type="checkbox"/> Complaint 10857 Complaint No.: <input type="checkbox"/> Routine Inspection <input type="checkbox"/> Follow-Up Original Inspection Report No.:	
Physical Location: 32425 W. Salome Hwy, Arlington, AZ 85322			
Place ID No.: 9932			
Mailing Address: Same address as above			
Ag BMP Record Submitted to Dept. of Agriculture? Unknown			
Onsite Contact Person(s)/Title(s): Shari Yeatts Compliance Manager		Was Inspection Announced? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Inspection Report Issued: <input checked="" type="checkbox"/> Via hardcopy at facility <input type="checkbox"/> Via e-mail at facility <input type="checkbox"/> Via U.S. Mail from ADEQ office Initial: <i>Sy</i> Initial:			
Results of Inspection: <input checked="" type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection. <input type="checkbox"/> Requesting follow-up action; please submit the following:			
Comments: Inspection was in response to a complaint concerning uncontrolled feathers blowing outside the Hickman's Egg Ranch. The Air Quality inspector visited the area where the complaint was focused. The area has been cleared of debris and the surface appears to be maintained. Hickman's Egg Ranch staff is constructing a new additional fencing to act as an additional control measure with the Egg Ranch operation.			
Attachments: Notice of Inspection Rights Photograph Log Complaint Form			



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): Hickman's Egg Ranch	Date of Inspection: 5/28/2014 10:30 AM
Facility Location (Place): 32425 W. Salome Hwy, Arlington, AZ 85322	County: Maricopa
Mailing Address: Same address as above	Inspector: Emily Bonanni
Responsible Party: Hickman's Egg Ranch	Telephone: (602) 771-2324
On-Site Representative: Shari Yeatts	Accompanied by:
Telephone: 623-872-2358	ADEQ Follow-up Contact: Pamela Nicola Air Quality Inspections & Field Services Unit
Title: Compliance Manager	Title: Unit Supervisor
Telephone: same as above	Telephone: (602) 771-4728

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

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Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

- ☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: Title 49, Chapter 3

Arizona Administrative Code: Title 18, Chapter 2

- ☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

Arizona Revised Statutes: § 41-1009

Arizona Administrative Code: Title 18, Chapter 2

Permit/Agreement Number:

- ☒ **That the fee for this inspection is:** No fee for the inspection

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While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

- ☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

5/28/2014

Signature of Regulated Person or Authorized On-Site Representative

- ☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

- ☐ The regulated person or an authorized on-site representative was not present at the facility.

Signature of ADEQ Representative

5/28/2014

INSPECTION RIGHTS

- ☒ I understand that I can accompany the ADEQ representative(s) on the premises, except during confidential interviews.
- ☒ I understand that I have right to, on request:
 - Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense;
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Air Quality Field Inspection Photograph Log


Site Location: Hickman's Egg Ranch - 32425 W. Salome Hwy, Arlington, AZ 85322		Photographer: Emily Bonanni	Camera: Dell Tablet
Weather: Cloudy sky			
Photo No. 1	Date: 5/28/2014		
Direction Photo Taken: Southwest			
Photo Description: Photo of feather debris complaint area. Area has been cleared of debris.			

Photo No. 2	Date: 5/28/2014	
Direction Photo Taken: South		
Photo Description: Photo of installation of fence line control measures along south side of Salome Hwy.		

Photo No. 3	Date: 5/28/2014
Direction Photo Taken: West	
Photo Description: Photo of cleared and maintained surface area along the south side of Salome Hwy.	





ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): Hickman's Egg Ranch	Date of Inspection: 8/29/2014 9:00 AM
Facility Location (Place): 32425 W. Salome Hwy, Arlington, AZ 85322	County: Maricopa
	Inspector: Emily Bonanni
Mailing Address: Same as above	Telephone: (602) 771-2324
	Accompanied by:
Responsible Party: Hickman's Egg Ranch	
On-Site Representative: Shari Yeatts	ADEQ Follow-up Contact: Pamela Nicola
Telephone: 623-872-2358	Air Quality Inspections & Field Services Unit
Title: Compliance Manager	Title: Unit Supervisor
Telephone: same as above	Telephone: (602) 771-4728

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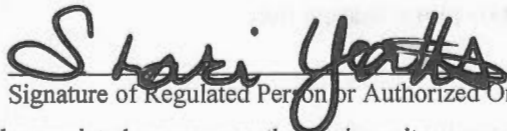
Permit/Agreement Number:

☒ **That the fee for this inspection is:** No fee for the inspection

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- ☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.



8/29/2014

Signature of Regulated Person or Authorized On-Site Representative

- ☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

- ☐ The regulated person or an authorized on-site representative was not present at the facility.



8/29/2014

Signature of ADEQ representative

INSPECTION RIGHTS

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- If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12901 *et seq.*;
- If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; ADEQ's Ombudsman at (602) 771-4322 (toll free inside Arizona at (800) 234-5677, extension, 771-4322); or the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 (toll free at (800) 872-2879);
- If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 (toll free inside Arizona at (800) 234-5677, extension 771-2212).

Air Quality Field Inspection Photograph Log

Site Location: Hickman's Egg Ranch - 32425 W. Salome Hwy, Arlington, AZ 85322		Photographer: Emily Bonanni	Camera: Surface Tablet
Weather: Sunny Sky			
Photo No. 1	Date: 8/29/2014		
Direction Photo Taken: West			
Photo Description: Photo of Hickman's staff operating the Jerome 631-X Hydrogen Sulfide Meter.			

Photo No. 2	Date: 8/29/2014	
Direction Photo Taken: West		
Photo Description: Close up photo of operating Jerome 631-X Hydrogen Sulfide Meter.		

Photo No. 3	Date: 8/29/2014
Direction Photo Taken: West	
Photo Description: Close up photo of operating Gasalert Extreme NH3 Meter along Salome Hwy.	

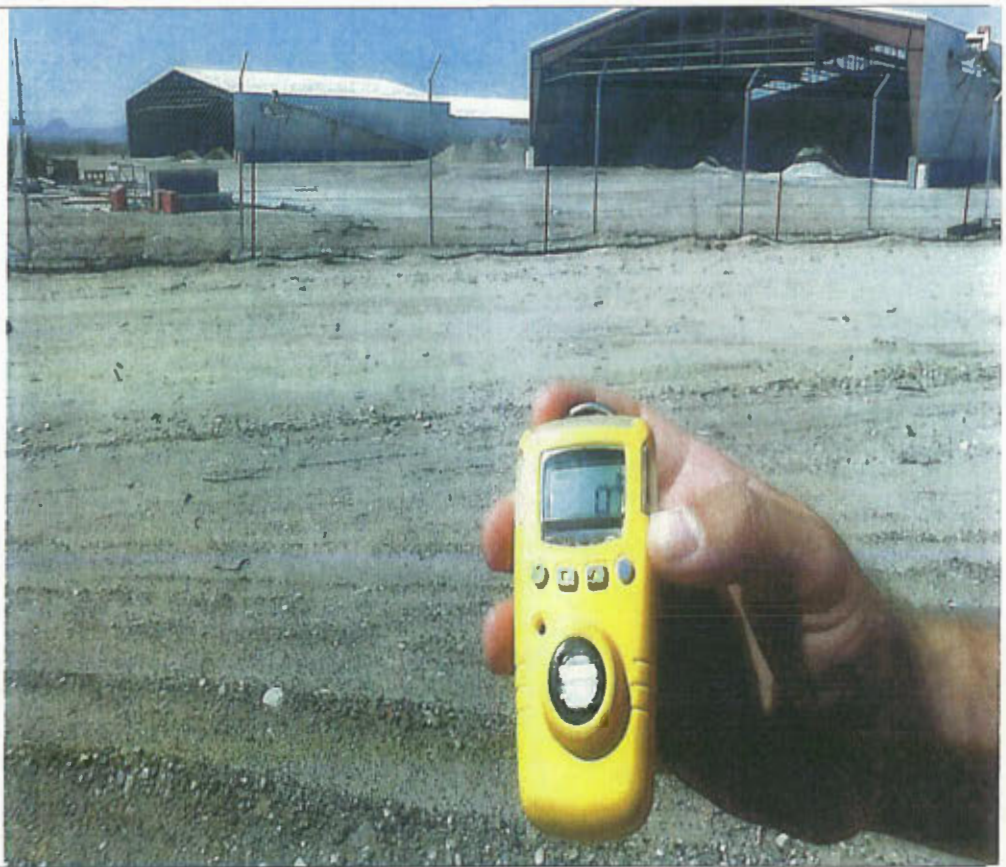


Photo No. 4	Date: 8/29/2014
Direction Photo Taken: Southeast	
Photo Description: Photo taken along Salome Hwy looking towards the Pellet Mill Operations.	





Janice K. Brewer
Governor


ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Henry R. Darwin
Director

Air Quality Agricultural Best Management Practices (Ag BMP) Field Inspection Report

Commercial Agriculture Company Name: Hickman's Egg Ranch Customer ID No.: 58561		Inspection Report No.: 225556	
County: Maricopa		Inspector(s): Emily Bonanni,	
Place Name: Hickman's Egg Ranch Physical Location: 32425 W. Salome Hwy, Arlington, AZ 85322 Place ID No.: 9932		Arrival Date and Time: 10/15/2014 9:00 AM	
Mailing Address: Same as above		Reason for Inspection: <input checked="" type="checkbox"/> Complaint Complaint No.: 11260, 11254, 11253 <input type="checkbox"/> Routine Inspection <input type="checkbox"/> Follow-Up Original Inspection Report No.:	
Ag BMP Record Submitted to Dept. of Agriculture? Yes		Was Inspection Announced? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Onsite Contact Person(s)/Title(s): Fernando Hoeing, Fertilizer Pellet Mill Operations Mgr Scott Seely, Farms Choice Manager Shari Yeatts, Compliance Manager			
Inspection Report Issued: <input checked="" type="checkbox"/> Via hardcopy at facility <input type="checkbox"/> Via e-mail at facility <input type="checkbox"/> Via U.S. Mail from ADEQ office Initial:  Initial:			
Results of Inspection: <input checked="" type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection. <input type="checkbox"/> Requesting follow-up action; please submit the following:			
Comments: Hickman's staff escorted ADEQ staff around the Fertilizer Pellet Mill Facility. ADEQ staff was able to observe the fertilizer process in operation during the inspection. ADEQ staff also observed a water truck spraying down the access lanes in the same area.			
Attachments: Notice of Inspection Rights Photograph Log Complaint Form			



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): Hickman's Egg Ranch	Date of Inspection: 10/15/2014 9:00 AM
Facility Location (Place): 32425 W. Salome Hwy, Arlington, AZ 85322	County: Maricopa
	Inspector: Emily Bonanni
Mailing Address: Same as above	Telephone: (602) 771-2324
	Accompanied by:
Responsible Party: Hickman's Egg Ranch	
On-Site Representative: Shari Yeatts & Fernando Hoeing	ADEQ Follow-up Contact: Pamela Nicola
Telephone: 623-872-2358	Air Quality Inspections & Field Services Unit
Title: Compliance Manager/&Fertilizer Pellet Mill Manager	Title: Unit Supervisor
Telephone: same as above	Telephone: (602) 771-4728

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☒ That the purpose of the inspection is to determine:

☒ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:

Arizona Revised Statutes: Title 49, Chapter 3
Arizona Administrative Code: Title 18, Chapter 2
Permit/Agreement Number:

☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: Title 49, Chapter 3
Arizona Administrative Code: Title 18, Chapter 2

☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

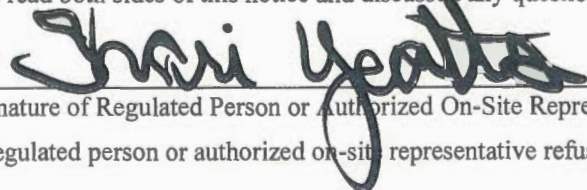
Arizona Revised Statutes: § 41-1009
Arizona Administrative Code: Title 18, Chapter 2
Permit/Agreement Number:

☒ That the fee for this inspection is: No fee for the inspection

*The Arizona Revised Statutes (A.R.S.) can be found on the internet: www.azleg.state.az.us/ArizonaRevisedStatutes.asp while the Arizona Administrative Code (A.A.C.) can be found at www.azsosaz.gov/public_services/Table_of_Contents.htm

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.


Signature of Regulated Person or Authorized On-Site Representative

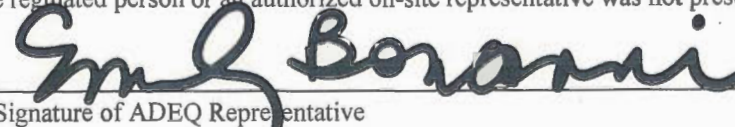
10/15/2014

☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

☐ The regulated person or an authorized on-site representative was not present at the facility.


Signature of ADEQ Representative

10/15/2014

INSPECTION RIGHTS

- ☒ I understand that I can accompany the ADEQ representative(s) on the premises, except during confidential interviews.
- ☒ I understand that I have right to, on request:
 - Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense;
 - A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive;
 - Copies of any analysis performed on samples taken during the inspection and that ADEQ would provide copies of this analysis at ADEQ's expense;
 - Copies of any documents to be relied on to determine compliance with licensure or regulatory requirements if the agency is otherwise permitted by law to do so.
- ☒ I also understand that:
 - Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report;
 - Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded;
 - If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12901 *et seq.*;
 - If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; ADEQ's Ombudsman at (602) 771-4322 (toll free inside Arizona at (800) 234-5677, extension, 771-4322); or the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 (toll free at (800) 872-2879);
 - If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 (toll free inside Arizona at (800) 234-5677, extension 771-2212).

Air Quality Field Inspection Photograph Log


Site Location: Hickman's Egg Ranch - 32425 W. Salome Hwy, Arlington, AZ 85322		Photographer: Emily Bonanni	Camera: Surface Tablet
Weather: Partly Cloudy Sky			
Photo No. 1	Date: 10/15/2014		
Direction Photo Taken: Northeast			
Photo Description: Photo of manure material loading into the Pellet Mill Process.			


Photo No. 2	Date: 10/15/2014	
Direction Photo Taken: Northeast		
Photo Description: Photo of front loader supplying manure into intake area of Fertilizer Heat Treatment Process.		

Photo No. 3	Date: 10/15/2014
Direction Photo Taken: East	
Photo Description: Photo of operating Fertilizer Heat Treatment Process.	

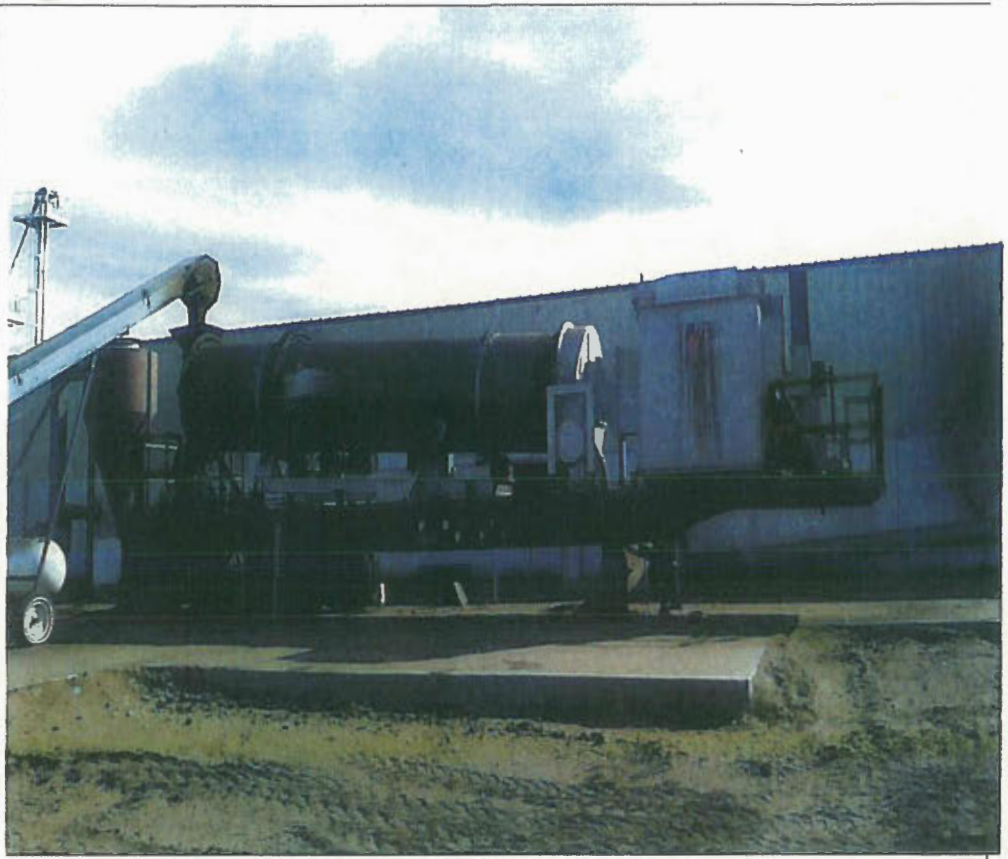


Photo No. 4	Date: 10/15/2014
Direction Photo Taken: Northwest	
Photo Description: Photo of composting area, haul truck delivering load of manure from hen houses.	



Inspection Date: 01/24/2012

675 281243

PLACE ID # 9932
32425 W. Salome Hwy
Arlington, AZ 85322

RESPONSIBLE PARTY ID #58561
Billy Hickman

Facility Name: Hickman's Egg Ranch

Location of Facility: 32425 W. Salome Hwy, Arlington, AZ 85322

County: Maricopa Type of Source: Commercial Animal Feeding Operation

Representatives Contacted: Fernando Hoenig

Representative's Title: Fertilizer Plant Manager

Reason for Inspection: Dust and Odor Complaint

Inspection Level: Level 2

Was Inspection Announced? Yes

On January 18, 2012, ADEQ Air Quality received complaint #8530, in which the complainant stated that every night a very strong odor came from the manure pile at Hickman's Egg Ranch.

On January 19, 2012, ADEQ inspector, Emily Bonanni called Mr. Fernando Hoenig the manager of the Hickman's Egg Ranch manure processing facility and informed Mr. Hoenig of the odor complaint. At this time it was determined a site visit will be performed to observe options being applied to address the odor emissions from the chicken manure processing area.

On January 24, 2012, ADEQ inspector, Emily Bonanni, performed a site visit at Hickman's Egg Ranch in Arlington, AZ. Prior to arriving on site, the ADEQ inspector performed multiple odor checks in an effort to detect an odor originating from the Hickman manure processing facility. The first odor check was at the SW corner of Southern Ave and Johnson Rd, a continual slight odor was detected at this location. The second odor check was at the NW corner of Baseline Rd and Johnson Rd, nearly no manure odor was detected at this location. The cotton fields north on Baseline Road were active with a tractor tilling soil. The third odor and visual check was at the NE corner of Baseline Rd and 331st Ave. At this location a mixture of chicken manure, a sweet flowering odor and at times no odor at all was

noticed. While performing this odor check several large trucks traveled past mixing the air during the check. The last odor check prior to entering the facility was performed on the south side of Salome Hwy outside the property fence where the manure turning equipment was operating; a noticeable chicken manure odor was detected (ATTACHMENT B – Photograph 1).

The ADEQ inspector continued onto Hickman's manure storage processing facility and met with Mr. Fernando Hoenig, and he reviewed and signed the Notice of Inspection Rights Form (ATTACHMENT A).

Mr. Hoenig escorted the ADEQ inspector around the Hickman's manure storage processing facility. Areas visited include the manure storage composting area and the manure pellet mill.

The ADEQ inspector reviewed these operations in response to the complaint to determine if adequate dust and odor control practices were being utilized.

The ADEQ inspector observed manure being transported from the hen houses to the manure storage composting area. The ADEQ inspector observed the manure composting process and the equipment turning the manure. The ADEQ inspector was informed by Mr. Hoenig the manure material is turned frequently because regular turning adds oxygen to the system which speeds the composting process. The turning process may allow odorous gases to escape into the ambient air.

In accordance with Arizona Administrative Code (A.A.C) R18-2-730 (D), no person shall emit gaseous or odorous materials from equipment, operations or premises under the person's control in such quantities or concentrations as to cause air pollution.

Mr. Hoenig demonstrated to the ADEQ inspector an organic additive extract being sprayed to the top of the manure piles (ATTACHMENT B – Photographs 3-4). This product is being applied to enhance the composting process and to reduce the possible odor emitted from the manure piles. Facility representatives expect the additive extract to reduce odorous gases in the manure products of poultry and other livestock.

ATTACHMENTS:

ATTACHMENT A – Notice of Inspection Rights Form

ATTACHMENT B – Photograph Log

ATTACHMENT C – Complaint Form

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT A



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): <u>Hickman Egg Ranch</u>	Date of Inspection: <u>1/24/2012</u>
Facility Location (Place): <u>Arlington Plant</u>	County: <u>Maricopa</u>
<u>32425 W. Salome Hwy, Arlington AZ 85322</u>	Inspector: <u>Emily Bonanni</u>
Mailing Address: _____	Telephone: <u>(602) 771-2324</u>
Responsible Party: <u>Fernando Hoeling</u>	Accompanied by: _____
Telephone: _____	ADEQ Follow-up Contact: <u>Supervisor</u>
On-Site Representative: <u>Fernando Hoeling</u>	<u>Pamela Nicola</u>
Title: <u>Manager, Manure Processing Operations</u>	Title: <u>Unit Mgr, AQ Inspections & Field Svc</u>
Telephone: <u>ofc 623-872-1120</u>	Telephone: <u>(602) 771-4728</u>

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

- ☐ That the purpose of the inspection is to determine:
- ☒ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:
- Arizona Revised Statutes: Title _____, Chapter _____, Article _____
- Arizona Administrative Code: Title 18, Chapter 2, Article 6
- Permit/Agreement Number: _____
- ☐ Qualification for a license issued pursuant to:
- Arizona Revised Statutes: § _____
- Arizona Administrative Code: R _____
- ☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:
- Arizona Revised Statutes: § _____
- Arizona Administrative Code: R _____
- Permit/Agreement Number: _____
- ☐ That the fee for this inspection is: _____

*The Arizona Revised Statutes (A.R.S.) can be found on the internet at www.azleg.state.az.us/ars/ars.htm while the Arizona Administrative Code (A.A.C.) can be found at www.sosaz.com/public_services/Table_of_Contents.htm.

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection.

- ☐ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

Signature of Regulated Person or Authorized On-Site Representative

Date

1-24-12

- ☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

Fernando Hoeling

Manager

- ☐ The regulated person or an authorized on-site representative was not present at the facility.

Signature of ADEQ Representative

Date

INSPECTION RIGHTS


- ☐ I understand that I may accompany the ADEQ representative(s) on the premises, except during confidential interviews.


- ☐ I understand that I have a right to:
 - % Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense.
 - % A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive.
 - % Copies of any analysis performed on samples taken during the inspection and that ADEQ will provide copies of this analysis at ADEQ's expense.

- ☐ I also understand that:
 - % Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report.
 - % Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded.
 - % If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12-901 *et seq.*
 - % If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; or I may contact the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 or toll free at (800) 872-2879.
 - % If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 or toll free inside Arizona at (800) 234-5677, extension 2212.

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT B

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Site Location: Hickman's Egg Ranch		Photographer: Emily Bonanni	Camera: Olympus Stylus 850 SW
Weather: Sunny			
Photo No. 1	Date: 01/24/2012		
Direction Photo Taken: West			
Photo Description: Photo taken from Salome Hwy. Manure-turning equipment operating at the manure piles. In the background of photo are the hen houses where the manure is collected.			

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Sunny			
Photo No. 2	Date: 01/24/2012		
Direction Photo Taken: West			
Photo Description: Chicken waste being deposited at manure composting/storage area			

Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
3

Date:
01/24/2012

Direction Photo Taken:

North

Photo Description:

Composting area: Photo of modified spray equipment operating along manure rows. Equipment is spraying the odor control substance directly onto the stored chicken manure.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
4

Date:
01/24/2012

Direction Photo Taken:

North

Photo Description:

Composting area: Close up photo of equipment spraying odor control substance onto chicken manure rows.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
5

Date:
01/24/2012

Direction Photo Taken:

North

Photo Description:

Close up photo of moist manure piles after the sprayed odor control solution has been applied.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
6

Date:
01/24/2012

Direction Photo Taken:

Southwest

Photo Description:

Photo of filled manure pellet container bags at storage area waiting to be transported to customers.



Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT C

Inspection Date: 09/25/2012

298253

PLACE ID # 9932
32425 W. Salome Hwy
Arlington, AZ 85322

RESPONSIBLE PARTY ID #58561
Billy Hickman

Facility Name: Hickman's Egg Ranch

Location of Facility: 32425 W. Salome Hwy, Arlington, AZ 85322

County: Maricopa Type of Source: Commercial Animal Feeding Operation

Representatives Contacted: Fernando Hoenig

Representative's Title: Fertilizer Plant Manager

Reason for Inspection: Dust, flies and odor complaint

Inspection Level: Level 2

Was Inspection Announced? Yes

On September 21, 2012, ADEQ Air Quality received complaint #9185, in which the complainant stated he lives across from the fertilizer piles at Hickman's Egg Ranch and there is always dust and flies.

On September 21, 2012, ADEQ inspector, Emily Bonanni called Mr. Fernando Hoenig the manager of the Hickman's Egg Ranch manure processing facility and informed Mr. Hoenig of the dust complaint. At this time it was determined a site visit would be performed to observe measures being taken to address the dust emissions from the chicken manure processing area.

On September 25, 2012, ADEQ inspector, Emily Bonanni, performed a site visit at Hickman's Egg Ranch in Arlington, AZ. Upon arriving on site the winds were from the south and south west. The ADEQ inspector measured the current wind speed with a pocket anemometer. The average wind speed measured 6.4 mph; the maximum wind gust measured 14.8 mph. The air temperature measured 97.7° F and the humidity measured 20.4%. The winds appeared to be constantly blowing during the inspection.

The ADEQ inspector continued to Hickman's manure storage processing facility and met with Mr. Fernando Hoenig, and he reviewed and signed the Notice of Inspection Rights Form (ATTACHMENT A).

Mr. Hoenig escorted the ADEQ inspector around the Hickman's manure storage processing facility, the manure composting area, the construction site of the new feed mill and a residential area located south of the Hickman's Egg Ranch.

The ADEQ inspector reviewed these operations in response to the complaint to determine if adequate dust control practices were being utilized.

At the time of the inspection, the ADEQ inspector observed a haul truck transporting manure from the hen houses to the manure composting area and observed the haul truck unloading in this area (ATTACHMENT B – Photographs 1-2).

At the manure storage composting area, speed limit signs are posted as a measure to control dust from vehicle travel. When the haul truck traveled this route, dust emissions were observed at the unpaved road surface. After the haul truck had completed unloading the manure, a water truck started to spray water along the travel route. The dust emissions were reduced but not eliminated after the water truck has completed its spraying. The ADEQ inspector and Mr. Hoenig discussed the dust emissions observations, the wind erosion and the frequency of the water truck spraying the unpaved road surfaces. The ADEQ inspector requested Mr. Hoenig take additional dust control measures during windy conditions (ATTACHMENT B – Photographs 3-6).

At the time of the inspection, the compost windrow turner was not operating and the ADEQ inspector did not observe dust emissions from the compost rows.

The ADEQ inspector traveled to the construction site area of the new feed mill. In the construction area vehicles were traveling back and forth along the unpaved roadway. Minimal dust emissions which dissipated quickly were observed on the unpaved area along the travel lane. Mr. Hoenig stated the construction area has its own water truck dedicated to maintaining the road surface. Once the water truck had completed spraying the construction site area, no dust emissions were observed (ATTACHMENT B – Photographs 7-8).

The ADEQ inspector traveled to the residential area south of the Hickman's Egg Ranch. From this observation point, no dust emissions were observed from the feed mill construction site or the composting site directly north of these homes. A water truck was spraying the roadway around this manure composting area (ATTACHMENT B – Photographs 9-10).

ATTACHMENTS:

ATTACHMENT A – Notice of Inspection Rights Form

ATTACHMENT B – Photograph Log

ATTACHMENT C – Complaint Form

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT A



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

NOTICE OF INSPECTION RIGHT


FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): <u>Hickmans Egg Ranch</u>	Date of Inspection: <u>09/25/2012</u>
Facility Location (Place): <u>32425 W. Salome Hwy, Arlington, AZ 85322</u>	County: <u>Maricopa</u>
Mailing Address: <u>SAUE AS ABOVE</u>	Inspector: <u>Emily Bonanni</u>
Responsible Party: <u>Fernando Hoerig</u>	Telephone: <u>(602) 771-2324</u>
Telephone: <u>623-764-4758</u>	Accompanied by: _____
On-Site Representative: <u>Fernando Hoerig</u>	ADEQ Follow-up Contact: <u>Supervisor</u>
Title: <u>Pellet Mill Manager</u>	<u>Pamela Nicola</u>
Telephone: <u>623-764-4758</u>	Title: <u>Unit Mgr. AQ Inspections & Field Svc</u>
	Telephone: <u>(602) 771-4728</u>
<p>The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:</p> <p><input type="checkbox"/> That the purpose of the inspection is to determine:</p> <p>[] Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:</p> <p>Arizona Revised Statutes: Title <u>49</u>, Chapter <u>3</u>, Article <u>2</u></p> <p>Arizona Administrative Code: Title <u>18</u>, Chapter <u>2</u>, Article <u>6</u></p> <p>Permit/Agreement Number: _____</p> <p>[] Qualification for a license issued pursuant to:</p> <p>Arizona Revised Statutes: § _____</p> <p>Arizona Administrative Code: R _____</p> <p><input type="checkbox"/> That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:</p> <p>Arizona Revised Statutes: § _____</p> <p>Arizona Administrative Code: R _____</p> <p>Permit/Agreement Number: _____</p> <p><input type="checkbox"/> That the fee for this inspection is: _____</p> <p>*The Arizona Revised Statutes (A.R.S.) can be found on the internet at www.azleg.state.az.us/ars/ars.htm while the Arizona Administrative Code (A.A.C.) can be found at www.sosaz.com/public_services/Table_of_Contents.htm.</p> <p>While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection.</p> <p>[] I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.</p> <p><u>Fernando Hoerig</u> <u>9-25-12</u></p> <p>Signature of Regulated Person or Authorized On-Site Representative Date</p> <p>[] The regulated person or authorized on-site representative refused to sign.</p> <p>_____ Name of Regulated Person or Authorized On-Site Representative Title</p> <p>[] The regulated person or an authorized on-site representative was not present at the facility.</p> <p>_____ Signature of ADEQ Representative Date</p>	


INSPECTION RIGHTS

- ☐ I understand that I may accompany the ADEQ representative(s) on the premises, except during confidential interviews.
- ☐ I understand that I have a right to:
 - % Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense.
 - % A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive.
 - % Copies of any analysis performed on samples taken during the inspection and that ADEQ will provide copies of this analysis at ADEQ's expense.
- ☐ I also understand that:
 - % Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report.
 - % Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded.
 - % If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12-901 *et seq.*
 - % If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; or I may contact the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 or toll free at (800) 872-2879.
 - % If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 or toll free inside Arizona at (800) 234-5677, extension 2212.

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT B

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Site Location Hickman's Egg Ranch, Arlington AZ		Photographer: Emily Bonanni	Camera: Olympus Stylus 850 SW
Weather: Clear sky, windy			
Photo No. 1	Date: 09/25/2012		
Direction Photo Taken: North			
Photo Description: Hauling truck traveling on unpaved area transporting manure to composting area.			

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Clear sky, windy			
Photo No. 2	Date: 09/25/2012		
Direction Photo Taken: North			
Photo Description: Hauling truck unloading manure onto composting rows.			

Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

Photo No.
3

Date:
09/25/2012

Direction Photo Taken:
Northwest

Photo Description:

Water truck spraying water on unpaved haul truck path. Water truck has water spraying at the front of the truck and at the back of the water tank.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

Photo No.
4

Date
09/25/2012

Direction Photo Taken:
West

Photo Description:

Posted speed limit signs on vehicle travel path.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

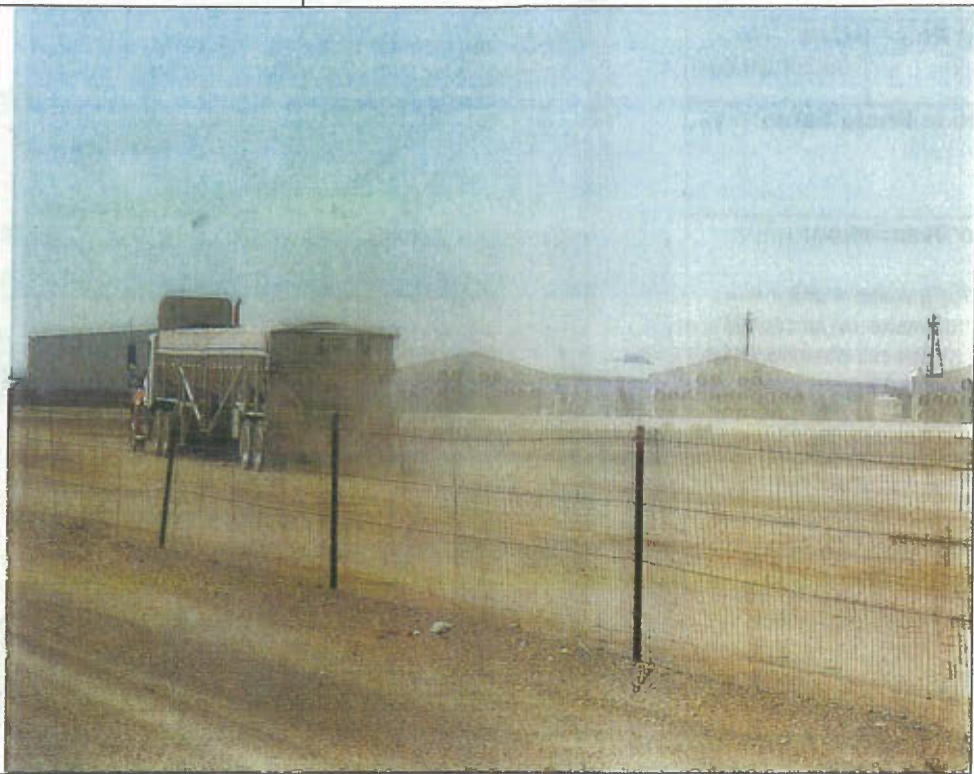
Photo No.
5

Date:
09/25/2012

Direction Photo Taken:
West

Photo Description:

Hauling truck traveling on
unpaved area



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

Photo No.
6

Date:
09/25/2012

Direction Photo Taken:
West

Photo Description:

Hauling truck traveling in the
composting/storage unpaved
area.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

Photo No.
7

Date:
09/25/2012

Direction Photo Taken:
West

Photo Description:

Operating water truck
spraying water on unpaved
roads at the construction site
of the feed mill.



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Clear sky, windy

Photo No.
8


Date:
09/25/2012


Direction Photo Taken:
West

Photo Description:

Another view of operating
water truck continuing to
spray water on unpaved
roads at the construction site
of the feed mill.



Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Clear sky, windy			
Photo No. 9	Date: 09/25/2012		
Direction Photo Taken: Northwest			
Photo Description: View of construction site of the new feed mill. Photo taken while standing on Hazen Road, south of Hickman's Egg Ranch.			

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Clear sky, windy			
Photo No. 10	Date: 09/25/2012		
Direction Photo Taken: Southeast			
Photo Description: Photo of residential property located south of Hickman's Egg Ranch.			

Inspection Date: 06/23/11

075 264584

PLACE ID # 9932
32425 W. Salome Hwy
Arlington, AZ 85322

RESPONSIBLE PARTY ID #58561
Billy Hickman

Facility Name: Hickman's Egg Ranch

Location of Facility: 32425 W. Salome Hwy, Arlington, AZ 85322

County: Maricopa Type of Source: Commercial Animal Feeding Operation

Representatives Contacted: Fernando Hoenig

Representative's Title: Fertilizer Plant Manager

Reason for Inspection: Dust Complaint

Inspection Level: Level 2

Was Inspection Announced? No

On June 17, 2011, ADEQ Air Quality received complaint #8015 stating dust is being created from the manure process at Hickman's Egg Ranch.

On June 23, 2011, ADEQ inspector, Emily Bonanni, performed a site visit at Hickman's Egg Ranch in Arlington, AZ. The ADEQ inspector met with Mr. Fernando Hoenig, fertilizer plant manager and notified Mr. Hoenig of the dust complaint. Mr. Hoenig reviewed and signed the Notice of Inspection Rights Form (ATTACHMENT A).

Mr. Hoenig escorted the ADEQ inspector around the Hickman's Egg facility. Areas visited include the manure storage composting area, the manure pellet mill and the outside areas of the hen buildings.

The ADEQ inspector reviewed these operations in response to the complaint to determine if adequate dust control practices were being utilized.

The ADEQ inspector observed the chicken waste being removed out of the hen buildings on conveyor belts and the waste dropped into a dump truck. The truck transported the load to the manure storage

composting area. Minimal particulate emissions were observed from the chicken waste conveyor belt operation. The travel lanes where the truck transported the waste are mostly unpaved (ATTACHMENT B – Photographs # 1 and 2).

The ADEQ inspector observed the manure composting process and the equipment turning the manure. The manure material is turned frequently because regular turning adds oxygen to the systems which speeds the composting process. When the compost material is ready it is transported to the manure pellet mill. Mr. Hoenig has a crew of workers dedicated to this operation. Minimal particulate emissions were observed from this process (ATTACHMENT B – Photographs # 3 and 4).

The ADEQ inspector observed the composted material being hauled to the manure pellet mill. This area's unpaved access road surface appeared to be less stable than other areas observed (ATTACHMENT B – Photographs # 5 and 6). At the time of the inspection, the ADEQ inspector observed speed limit signs posted at the facility. Despite the hauling vehicles traveling slowly, dust emissions were observed from the wheels of these vehicles (ATTACHMENT B – Photographs # 7 and 8).

In accordance with Arizona Administrative Code (A.A.C) R18-2-604 (A) No person shall cause, suffer, allow, or permit a building or its appurtenances, or a building or subdivision site, or a driveway, or a parking area, or a vacant lot or sales lot, or an urban or suburban open area to be constructed, used, altered, repaired, demolished, cleared, or leveled, or the earth to be moved or excavated, without taking reasonable precautions to limit excessive amounts of particulate matter from becoming airborne. Dust and other types of air contaminants shall be kept to a minimum by good modern practices such as using an approved dust suppressant or adhesive soil stabilizer, paving, covering, landscaping, continuous wetting, detouring, barring access, or other acceptable means.

The ADEQ inspector observed one water truck spraying the roads near the hen houses. At the time of the inspection, the ADEQ inspector did not observe the water truck spraying the roads at the manure pellet mill. There was a second water truck parked at the manure pellet mill. The ADEQ inspector inquired to Mr. Hoenig about a second water truck, and Mr. Hoenig stated the second water truck was being repaired and would be operational within a day (ATTACHMENT B – Photographs # 9 and 10).

On July 29, 2011, Mr. Hoenig furnished the ADEQ inspector with photographs of the second water truck operating at Hickman's Egg facility demonstrating dust is being kept to a minimum by using one of the good modern practices in A.A.C. R18-2-604 (A) (ATTACHMENT C).

ATTACHMENTS:

ATTACHMENT A – Notice of Inspection Rights Form

ATTACHMENT B – Photograph Log

ATTACHMENT C – Photos from Hickman's fertilizer plant manager

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT A



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INSPECTION RIGHTS

FACILITY INFORMATION	ADEQ INFORMATION
Facility Name (Customer): <u>Hickman Egg Ranch</u>	Date of Inspection: <u>6/23/2011</u>
Facility Location (Place): <u>33450 Salome Hwy</u> <u>Arlington, AZ</u>	County: <u>Maricopa</u>
Mailing Address: <u>SAME AS ABOVE</u>	Inspector: <u>Emily Bonanni</u>
Responsible Party: <u>Fernando Hoening</u>	Telephone: <u>(602) 771-2324</u>
Telephone: <u>623-872-1120</u>	Accompanied by: <u>N/A</u>
On-Site Representative: <u>Fernando Hoening</u>	ADEQ Follow-up Contact: <u>Supervisor</u>
Title: <u>Fertilizer Plant Mgr</u>	<u>Pamela Nicola</u>
Telephone: <u>623-764-4758</u>	Title: <u>Unit Mgr, Air Quality Field Services</u>
	Telephone: <u>(602) 771-4728</u>

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☐ That the purpose of the inspection is to determine:

☐ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:

Arizona Revised Statutes: Title _____, Chapter _____, Article _____

Arizona Administrative Code: Title 18, Chapter 2, Article _____

Permit/Agreement Number: _____

☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: § _____

Arizona Administrative Code: R _____

☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

Arizona Revised Statutes: § _____

Arizona Administrative Code: R _____

Permit/Agreement Number: _____

☐ That the fee for this inspection is: _____

*The Arizona Revised Statutes (A.R.S.) can be found on the internet at www.azleg.state.az.us/ars/ars.htm while the Arizona Administrative Code (A.A.C.) can be found at www.sosaz.com/public_services/Table_of_Contents.htm.

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection.

☒ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

Fernando Hoening
Signature of Regulated Person or Authorized On-Site Representative

6-23-11
Date

☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

☐ The regulated person or an authorized on-site representative was not present at the facility.

Signature of ADEQ Representative

Date

INSPECTION RIGHTS

- ☐ I understand that I may accompany the ADEQ representative(s) on the premises, except during confidential interviews.

- ☐ I understand that I have a right to:
 - % Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense.
 - % A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive.
 - % Copies of any analysis performed on samples taken during the inspection and that ADEQ will provide copies of this analysis at ADEQ's expense.

- ☐ I also understand that:
 - % Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report.
 - % Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded.
 - % If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12-901 *et seq.*
 - % If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; or I may contact the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 or toll free at (800) 872-2879.
 - % If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Special Counsel at (602) 771-2212 or toll free inside Arizona at (800) 234-5677, extension 2212.

Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT B

PHOTOGRAPHIC LOG

Site Location: Hickman's Egg Ranch

Photographer:
Emily Bonanni

Camera:
Olympus Stylus 850 SW

Weather: Sunny

Photo No.
1

Date:
06/23/2011

Direction Photo Taken:
West

Photo Description:

Hen houses: Waste is removed from hen houses by a conveyor into hauling trucks



PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
2

Date:
06/23/2011

Direction Photo Taken:
West

Photo Description:

Hen houses: Waste is removed from hen houses by a conveyor into hauling trucks



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
3

Date:
06/23/2011

Direction Photo Taken:

South

Photo Description:

Composting area: Stored
chicken waste



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
4

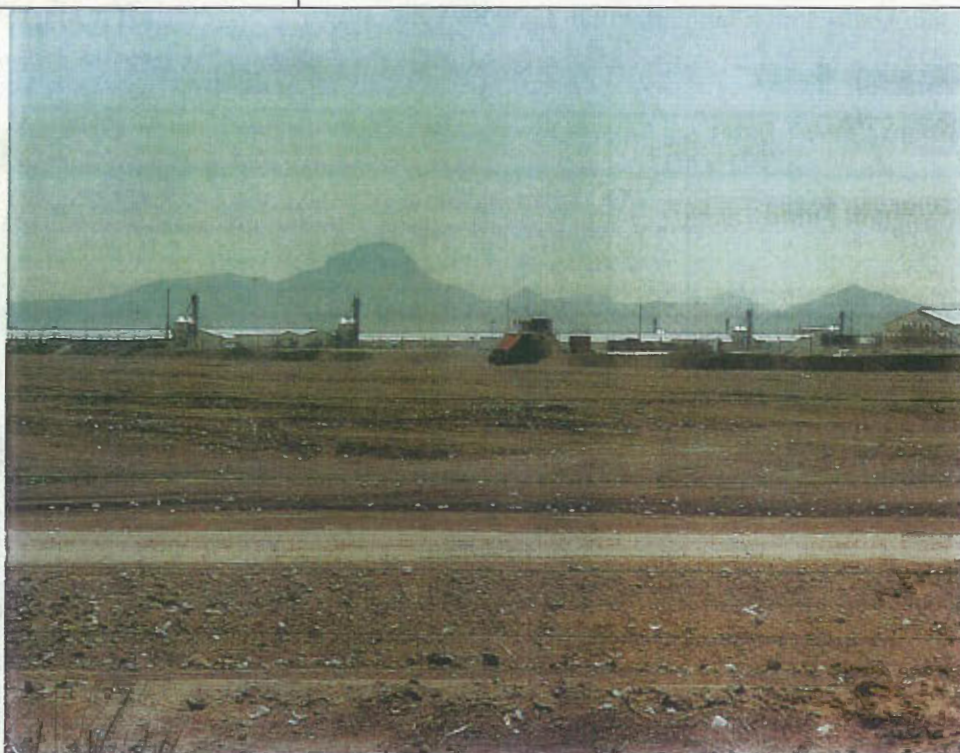
Date:
06/23/2011

Direction Photo Taken:

South

Photo Description:

Composting area:
Equipment turning
composted chicken waste



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
5

Date:
06/23/2011

Direction Photo Taken:

Southeast

Photo Description:

Manure pellet mill area:
Hauling equipment used to
transport composted
materials into container at
the manure pellet mill



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
6

Date:
06/23/2011

Direction Photo Taken:

Southeast

Photo Description:

Manure pellet mill area:
Hauling equipment used to
transport composted
materials into container at
the manure pellet mill



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
7

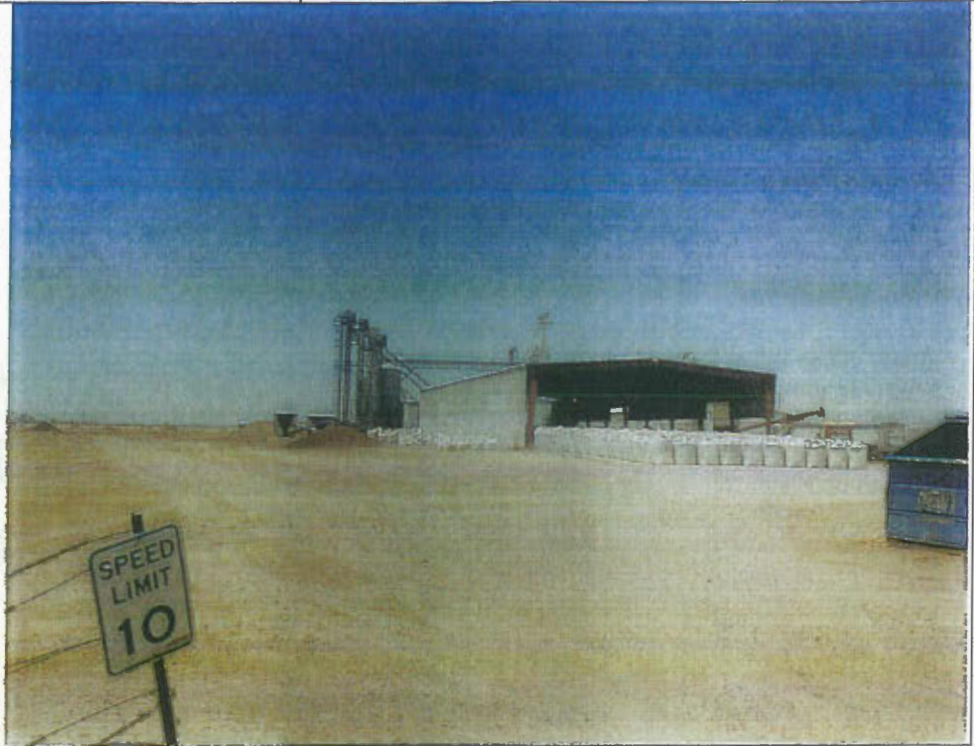
Date:
06/23/2011

Direction Photo Taken:

North

Photo Description:

Manure pellet mill storage area: Posted speed limit sign prior to entering unpaved road at the manure pellet mill storage area



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
8

Date:
06/23/2011

Direction Photo Taken:

North

Photo Description:

Pellet mill storage area: Truck traveling on unpaved road at the manure pellet mill storage area



Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Sunny			
Photo No. 9	Date: 06/23/2011		
Direction Photo Taken: North			
Photo Description: Hen houses area: Operating water truck spraying unpaved roads			

Arizona Department of Environmental Quality Air Quality Compliance Section, Field Services Unit		PHOTOGRAPHIC LOG	
Weather: Sunny			
Photo No. 10	Date: 06/23/2011		
Direction Photo Taken: North			
Photo Description: Hen houses area: Close up of water truck spraying unpaved road			

Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
11

Date:
06/23/2011

Direction Photo Taken:

Southeast

Photo Description:

Photo taken from Salome
Hwy of Hickman's Egg
Ranch manure pellet mill



Arizona Department of Environmental Quality
Air Quality Compliance Section, Field Services Unit

PHOTOGRAPHIC LOG

Weather: Sunny

Photo No.
12

Date:
06/23/2011

Direction Photo Taken:

Southeast

Photo Description:

Photo taken from Salome
Hwy of manure pellet mill
area orange wind direction
sock and built up dirt barrier



Arizona Department of Environmental Quality
Inspections and Field Services Unit

ATTACHMENT C





Inspection Date: 02/15/07

~~PLACE ID # 22741~~

Hickman Egg Ranch
32425 W. Salome Hwy
Arlington, AZ 85322

Facility Name: Hickman Egg Ranch

Location of Facility: 32425 W. Salome Hwy, Arlington, AZ 85322

County: Maricopa Type of Source: Commercial Egg Company

Representatives Contacted: Billy Hickman and Fernando Hoenig

Representative's Title: Owner/Operator, and Manure Site Operations Manager

Reason for Inspection: Complaint

Inspection Level: Level 2

Was Inspection Announced? Yes

On February 15, 2007, ADEQ Air Quality Compliance staff Emily Bonanni, accompanied by Andrea Martin of the Arizona Department of Agriculture, performed a site visit at the Hickman Egg Ranch, located in Arlington, AZ. ADEQ received a complaint concerning a strong odor from the manure operation, at the Hickman Egg Ranch. ADEQ staff met with Billy Hickman, owner/operator of Hickman Egg Ranch, and ADEQ had Mr. Hickman sign the Inspection Right Form.

Mr. Hickman first provided ADEQ staff and the Dept of Agriculture representative with an inside tour of a chicken house and egg handling areas. During this site tour, staff met several line supervisors, workers, and was introduced to the on-site Arizona Department of Agriculture, USDA Egg Inspector. Inside the egg farm, long rows of wire cages are stacked beneath fluorescent lights. It appeared each hen stands in a cage as their grain and water consumption is monitored. Eggs are ferried away from the cages on a conveyor belt.

Mr. Hickman continued to accompany the AZ Dept of Agriculture representative and ADEQ Compliance staff, to the first manure storage area, the composting area. Chicken manure is swept up and removed out of the buildings. In some of the hens building, under the cages, is a conveyor belt which catches manure, the manure goes into dump trucks and is hauled to the composting area, and some manure is hauled to the untreated area. Staff was able to view the manure composting process, and

the equipment turning the manure. The manure is mixed with previously finished compost. They turn undertows several times, to assure there is enough oxygen in the mixture. The process is repeated once the center of the compost pile has reached temperatures necessary for composting. The chicken manure is mixed with shavings, feathers, and sawdust to provide a dry cushion to control odor. Minimal particulate and odor emissions were observed from this first process.

Next, Mr. Hickman led staff to another area where the untreated manure is stored. The untreated chicken manure is composted as is, without addition of litter or other high carbon additives. A pellet mill is on-site at this location. Hickman's pelletizes the dried manure; this is done for easy shipment for use by growers in the area.

The odor emissions mostly seem to originate from this untreated manure storage area. ADEQ reviewed these operations, in response to complaints, to determine if adequate particulate and odor controls were occurring. Billy Hickman acknowledges controlling the particulate and odor from the egg ranch operation must be continual in order for the company to coexist with their neighbors and the community. The odor emissions from the manure plies may be fairly constant throughout the year. The Hickman Egg Ranch handles the manure from the chicken houses, nearly on a daily basis.

As for the manure storage area, the particulate and odor emissions were variable. The odor seems to be at its peak when first loaded in the storage area. The immediate area may have an increase smell of ammonia, but the odor seems to dissipate in the open air once the manure rows are stable.

There are strategies to reduce agricultural gas emissions, reduce generation at the source and reduce the release from the farm site. Effective odor and gas emission reduction on animal facilities usually involve more than one practice. Since ADEQ first contacted Hickman's Egg Ranch notifying them of the odor complaint, Hickman's has voluntarily taken reasonable measures in changing some of their operating procedures in an effort to be effective in diminishing the odor emissions. These measures include limiting work practices in the manure area on weekends. Hickman's has conferred with a landscaping consultant concerning the area around the buildings and the property line on how it can serve as a natural biofilter. A further benefit may be plume dispersion if taller trees are used in addition to using shrubs and shorter trees with large surface areas. Additionally, Hickman's staff nutritionist is re-assessing the nutritional nutrient management plan for the hens on the front end, which when looked at from an ammonia emission perspective, ultimately affects the manure emissions management on the back end.

At the conclusion of the site visit, Billy Hickman stated he is always available to ADEQ and the AZ Department of Agriculture to address complaints and or questions concerning Hickman's Egg Ranch operation.

Initial odor complaint was received by email from ADEQ's Water Quality Compliance Section on Feb 12, 2007. ADEQ Air Quality staff made telephone contact with neighbor who placed complaint with ADEQ, Water Quality, Commercial Animal Feeding Operations personnel.

Feb 15, 2007 ADEQ Air quality staff and AZ Department of Agricultural representative performed a site visit, in response to complaint.

Feb 20, 2007, Complaint received, odor. Neighbor, who lives approximately 3 miles west of Hickman Egg Ranch, stated the odor was very strong. It had rained in the area the day before.

Feb 21, 2007, in response to complaint, Compliance staff performed a drive by, no significant odor, was noticed in the area of complainants home, approximately 3 miles west of Hickman Egg Ranch. Compliance staff took pictures of general points of interest at this location, the Arlington Elementary School and 355th Ave, and Dobbins Rd.

Feb 23, 2007, Compliance staff performed a drive-by; rain was forecasted in the afternoon. At time of visit to the area, no rain occurred, but the area was very windy. No significant odor was detected.

Feb 25, 2007, Complaint received. Neighbor left message that odor was quite strong, and wind was coming out of the east to west. Neighbor lives west of the Hickman Egg Ranch. Neighbor called and left another message that he snapped three photos of the Hickman's workers handling and turning the manure plies.

Feb 27, 2007, Compliance staff received an email complaint from a neighbor living SW of Hickman's. The complainant stated that the odor escaping from their chicken coops has been increasingly worse, especially when the wind blows from the Hickman operation to his house.

Feb 28, 2007, ADEQ staff made phone contact with the neighbor, and acquired additional information concerning is viewpoint of the odors.

Mar 2, 2007, Compliance staff received an odor complaint stated the smell was in the air. Neighbor stated; to rate the odor on a scale of one to ten; he would rate the odor about a five to six. Neighbor called Compliance staff again to provide more information concerning the odor complaint. The neighbor stated he drove down to where Hickman Egg Ranch storage manure piles are located, and the odor seemed to be coming from the turning and processing composting area, next to the chicken houses, not from the untreated manure storage area.

Mar 2, 2007, ADEQ performed a drive-by, forecast, north winds most of the day. Some odor noticed along Salome Hwy, where untreated chicken manure storage piles are located.

Mar 5, 2007, Compliance staff received a complaint message from same neighbor. Neighbor stated the smell was in the air on Sunday Mar 4th.

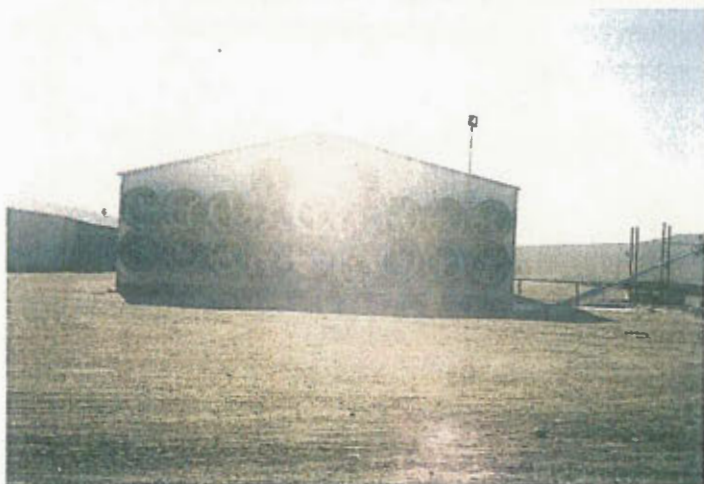
Mar 5, 2007, Compliance staff returned phone call to complainant, and informed him that ADEQ will re-visit Hickman Egg Ranch and discuss the on-going complaints with Mr. Hickman.

Mar 8, 2007, Compliance staff met with Billy Hickman and Fernando Hoenig at the pellet mill, untreated manure pile storage area. After the meeting with at Hickman Egg Ranch, ADEQ staff met with the neighbor who first contacted ADEQ with the odor complaints.

Photos of Hickman's Egg Ranch, the day of ADEQ's and Dept of Agriculture site visit, performed on February 15, 2007.



Picture of hen buildings



Picture of exhaust fans of hen buildings



Picture of manure composting area

Continue Photos of Hickman's Egg Ranch, the day of ADEQ's and Dept of Agriculture site visit, performed on February 15, 2007.



Picture of manure from hen building, loading area onto manure trucks, to be transported to composting area.



Picture of Pellet Mill, and untreated manure storage area.



Picture of untreated manure storage area. Area located just off of Salome Hwy.



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF INSPECTION REPORT

FACILITY INFORMATION

Facility Name (Customer): Hickman Eggs Farm
Facility Location (Place): 32425 West Salome Hwy
Mailing Address: Same
Responsible Party: Billy Hickman
On-Site Representative: Same
Telephone: 623-386-1333
Title: V. P. Hickman
Telephone: Same

ADEQ INFORMATION

Date of Inspection: 2/15/2007
County: Maricopa
Inspector: Emily Bonanni
Telephone: 602-771-2324
Accompanied by: Andrea Martin
AZ Dept of Agricultural
ADEQ Follow-up Contact:
Theresa Rigney
Title: Unit Mgr. Fld. Svc
Telephone: 602-771-2286

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☐ That the purpose of the inspection is to determine:

☐ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code* and/or:

Arizona Revised Statutes: Title 18, Chapter 2, Article 730

Arizona Administrative Code: Title _____, Chapter _____, Article _____

Permit/Agreement Number: _____

☐ Qualification for a license issued pursuant to:

Arizona Revised Statutes: § _____

Arizona Administrative Code: R _____

☐ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:

Arizona Revised Statutes: § _____

Arizona Administrative Code: R _____

Permit/Agreement Number: _____

☐ That the fee for this inspection is: _____

*The Arizona Revised Statutes (A.R.S.) can be found on the internet: www.azleg.state.az.us/ArizonaRevisedStatutes.asp while the Arizona Administrative Code (A.A.C.) can be found at www.azsosaz.gov/public_services/Table_of_Contents.htm

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

☐ I have read both sides of this notice and discussed any questions or concerns with the ADEQ representatives.

Signature of Regulated Person or Authorized On-Site Representative

Date

☐ The regulated person or authorized on-site representative refused to sign.

Name of Regulated Person or Authorized On-Site Representative

Title

☐ The regulated person or an authorized on-site representative was not present at the facility.

Signature of ADEQ Representative

Date

Inspection Date: 09/13/07

PLACE ID # 22741
Hickman Egg Ranch
32425 W. Salome Hwy
Arlington, AZ 85322

Facility Name: Hickman Egg Ranch

Location of Facility: 32425 W. Salome Hwy, Arlington, AZ 85322

County: Maricopa Type of Source: Commercial Egg Company and Manure Composting

Representatives Contacted: None

Representative's Title: None

Reason for Inspection: Odor Site Visit on outside of Hickman's Operations

Inspection Level: Level 2

Was Inspection Announced? No

On September 13, 2007, ADEQ Air Quality Compliance staff Emily Bonanni, accompanied by Andrea Martin of the Arizona Department of Agriculture, performed a site visit at the Hickman Egg Ranch, located in Arlington, AZ. ADEQ has been periodically performing odor checks on the outside of the manure operation at the Hickman Egg Ranch. While performing the odor smell checks, ADEQ and the AZ Dept of Agricultural staff observed plumes of dust being generated from trucks traveling on Hickman's internal roadways.

Next, Mr. Hickman led staff to another area where the untreated manure is stored. The untreated chicken manure is composted as is, without addition of litter or other high carbon additives. A pellet mill is on-site at this location. Hickman's pelletizes the dried manure; this is done for easy shipment for use by growers in the area.

The odor emissions mostly seem to originate from this untreated manure storage area. ADEQ reviewed these operations, in response to complaints, to determine if adequate particulate and odor controls were occurring. Billy Hickman acknowledges controlling the particulate and odor from the egg ranch operation must be continual in order for the company to coexist with their neighbors and the community. The odor emissions from the manure plies may be fairly constant throughout the year. The Hickman Egg Ranch handles the manure from the chicken houses, nearly on a daily basis.

As for the manure storage area, the particulate and odor emissions were variable. The odor seems to be at its peak when first loaded in the storage area. The immediate area may have an increase smell of ammonia, but the odor seems to dissipate in the open air once the manure rows are stable.

There are strategies to reduce agricultural gas emissions, reduce generation at the source and reduce the release from the farm site. Effective odor and gas emission reduction on animal facilities usually involve more than one practice. Since ADEQ first contacted Hickman's Egg Ranch notifying them of the odor complaint, Hickman's has voluntarily taken reasonable measures in changing some of their operating procedures in an effort to be effective in diminishing the odor emissions. These measures include limiting work practices in the manure area on weekends. Hickman's has conferred with a landscaping consultant concerning the area around the buildings and the property line on how it can serve as a natural biofilter. A further benefit may be plume dispersion if taller trees are used in addition to using shrubs and shorter trees with large surface areas. Additionally, Hickman's staff nutritionist is re-assessing the nutritional nutrient management plan for the hens on the front end, which when looked at from an ammonia emission perspective, ultimately affects the manure emissions management on the back end.

At the conclusion of the site visit, Billy Hickman stated he is always available to ADEQ and the AZ Department of Agriculture to address complaints and or questions concerning Hickman's Egg Ranch operation.

Initial odor complaint was received by email from ADEQ's Water Quality Compliance Section on Feb 12, 2007. ADEQ Air Quality staff made telephone contact with neighbor who placed complaint with ADEQ, Water Quality, Commercial Animal Feeding Operations personnel.

Feb 15, 2007 ADEQ Air quality staff and AZ Department of Agricultural representative performed a site visit, in response to complaint.

Feb 20, 2007, Complaint received, odor. Neighbor, who lives approximately 3 miles west of Hickman Egg Ranch, stated the odor was very strong. It had rained in the area the day before.

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Compliance staff took pictures of general points of interest at this location, the Arlington Elementary School and 355th Ave, and Dobbins Rd.

Feb 23, 2007, Compliance staff performed a drive-by; rain was forecasted in the afternoon. At time of visit to the area, no rain occurred, but the area was very windy. No significant odor was detected.

Feb 25, 2007, Complaint received. Neighbor left message that odor was quite strong, and wind was coming out of the east to west. Neighbor lives west of the Hickman Egg Ranch. Neighbor called and left another message that he snapped three photos of the Hickman's workers handling and turning the manure plies.

Feb 27, 2007, Compliance staff received an email complaint from a neighbor living SW of Hickman's. The complainant stated that the odor escaping from their chicken coops has been increasingly worse, especially when the wind blows from the Hickman operation to his house.

Feb 28, 2007, ADEQ staff made phone contact with the neighbor, and acquired additional information concerning is viewpoint of the odors.

Mar 2, 2007, Compliance staff received an odor complaint stated the smell was in the air. Neighbor stated; to rate the odor on a scale of one to ten; he would rate the odor about a five to six. Neighbor called Compliance staff again to provide more information concerning the odor complaint. The neighbor stated he drove down to where Hickman Egg Ranch storage manure piles are located, and the odor seemed to be coming from the turning and processing composting area, next to the chicken houses, not from the untreated manure storage area.

Mar 2, 2007, ADEQ performed a drive-by, forecast, north winds most of the day. Some odor noticed along Salome Hwy, where untreated chicken manure storage piles are located.

Mar 5, 2007, Compliance staff received a complaint message from same neighbor. Neighbor stated the smell was in the air on Sunday Mar 4th.

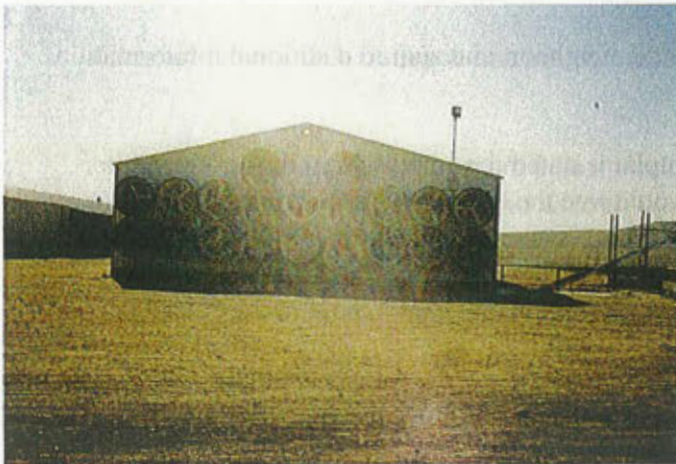
Mar 5, 2007, Compliance staff returned phone call to complainant, and informed him that ADEQ will re-visit Hickman Egg Ranch and discuss the on-going complaints with Mr. Hickman.

Mar 8, 2007, Compliance staff met with Billy Hickman and Fernando Hoenig at the pellet mill, untreated manure pile storage area. After the meeting with at Hickman Egg Ranch, ADEQ staff met with the neighbor who first contacted ADEQ with the odor complaints.

Photos of Hickman's Egg Ranch, the day of ADEQ's and Dept of Agricultural site visit, performed on February 15, 2007.



Picture of hen buildings



Picture of exhaust fans of hen buildings



Picture of manure composting area

Continue Photos of Thokman's Egg Ranch, the day of ADEQ's and Dept of Agriculture site visit, performed on February 15, 2007.

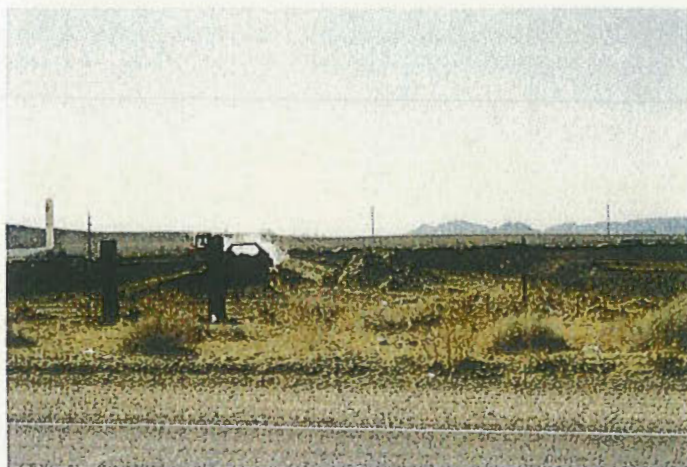


Picture of manure from hen building, loading

area onto manure trucks, to be transported to
composting area.



Picture of Pellet Mill, and untreated manure
storage area.



Picture of untreated manure storage area. Area
located just off of Salome Hwy.